Results for the 14'x120' circular tank with ramp:

Circular tank:

Tank Diameter = 120 ft
Tank Wall thickness = 10 in (actual)
Tank Height = 14 ft
f_y= 60,000 psi
f'_c = 4,000 psi

Horizontal Steel = #5 rebar		
Bar #	Spacing (in)	Distance from finished floor (ft - in)
1	3	0' 3"
2	10	1' 1"
3	10	1' 11"
4	8	2' 7"
5	8	3' 3"
6	6	3' 9"
7	6	4' 3"
8	6	4' 9"
9	6	5' 3"
10	6	5' 9"
11	6	6' 3"
12	6	6' 9"
13	6	7' 3"
14	6	7' 9"
15	6	8' 3"
16	6	8' 9"
17	8	9' 5"
18	8	10' 1"
19	8	10' 9"
20	10	11' 7"
21	10	12' 5"
22	10	13' 3"
23	6	13' 9"

Vertical Steel = #5 @ 8" O.C.
Dowels "L" bars from tank to footing shall be #5 @ 8" O.C. 30" vertical leg, 8" horizontal leg

In the tank wall, at the corner of the notch for the ramp add:
4-#6 bars x 7'-10" long @ 4" O.C. vertically
4-#6 bars x 20' long @ 4" O.C. horizontally
4-#6 bars x 6' long @ 4" O.C. at a 45 degree angle.

NRCS *Natural Resources Conservation Services* *United States Department of Agriculture*	_____ *County, PA* ***ROUND TANK W/RAMP*** ***DETAIL Page 6.28***	Designed *PA NRCS 12/01* Drawn *Hartz 2/1/08* Revisions *Pereverzoff 1/9/08* Checked _____ Approved _____